



Generic DB Entry Retrieval

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ID   CBFLANGE    standard; DNA; PRO; 1099 BP.
XX
AC   X70821;
XX
SV   X70821.1
XX
DT   13-OCT-1993 (Rel. 37, Created)
DT   13-OCT-1993 (Rel. 37, Last updated, Version 2)
XX
DE   C.botulinum (strain proteolytic F Langeland) gene for neurotoxin type F.
XX
KW   boNT/F gene; botulinum neurotoxin type F.
XX
OS   Clostridium botulinum
OC   Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae;
OC   Clostridium.
XX
RN   [1]
RX   MEDLINE; 94013372.
RA   Campbell K., East A.K., Collins M.D.;
RT   "Gene probes for identification of the botulinal neurotoxin gene and
RT   specific identification of neurotoxin types B, E, and F";
RL   J. Clin. Microbiol. 31:2255-2262(1993).
XX
RN   [2]
RP   1-1099
RA   Campbell K.D.;
RT   ;
RL   Submitted (28-JAN-1993) to the EMBL/GenBank/DDBJ databases.
RL   K.D. Campbell, AFRC Inst of Food Research, Reading Laboratory, Microbiolog
RL   Dept, Earley Gate, Whiteknights Rd, Reading RG6 2EF, UK
XX
DR   SPTREMBL; Q57236; Q57236.
XX
FH   Key          Location/Qualifiers
FH
FT   source          1..1099
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FT                       /organism="Clostridium botulinum"
FT                       /strain="type F, proteolytic F langeland (NCTC 1028)"
FT                       /clone="pFLangeland"
FT   CDS             <1..>1099
FT                       /codon_start=2
FT                       /db_xref="SPTREMBL:Q57236"
FT                       /transl_table=11
FT                       /gene="BoNT/F"
FT                       /product="botulinum neurotoxin type F"

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FT /protein_id="CAA50152.1"
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FT EYKYNNYTSDERNRLESEYNINNIREELNKKVSLAMENIERFITESSIFYLMKLINEA
FT VSKLREYDEGVKEYLLDYISEHRSILGNSVQELNDLVTSTLNNSSIPFELSSYTNDKIL
FT LYFNKLYKKIKDNSILDMRYENNKFIDISGYGSNISINGDVYIYSTNRNQFGIYSSKP
FT EVNIAQNNDIIYNGRYQNFSISFWVRI PKYFNKVNLNNEYTIIDCIRNNNSGWKISLN
FT NKIIWTLQDTAGNNQKLVFNFTQMIS"
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XX
SQ Sequence 1099 BP; 483 A; 93 C; 160 G; 363 T; 0 other;
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ttatacacia atgatttagt 109
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